

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133346.D
 Acq On : 10 May 2023 23:15
 Operator : CG\JU
 Sample : 02721-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

Quant Time: May 11 03:44:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	222705	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	881212	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	418326	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	628026	20.000	ng	0.00
76) Chrysene-d12	13.868	240	428718	20.000	ng	-0.01
86) Perylene-d12	15.292	264	453787	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	843501	57.215	ng	0.00
7) Phenol-d6	6.357	99	1064979	58.199	ng	-0.01
23) Nitrobenzene-d5	7.281	82	653242	40.013	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	155615	36.989	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1157632	46.297	ng	0.00
79) Terphenyl-d14	12.821	244	886577	35.666	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.445	202	95453	2.818	ng	98
78) Pyrene	12.674	202	89711	2.441	ng	99
87) Indeno(1,2,3-cd)pyrene	16.656	276	65812	2.550	ng	95
88) Benzo(b)fluoranthene	14.886	252	68813m	2.384	ng	
92) Benzo(g,h,i)perylene	17.074	276	87523m	4.118	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

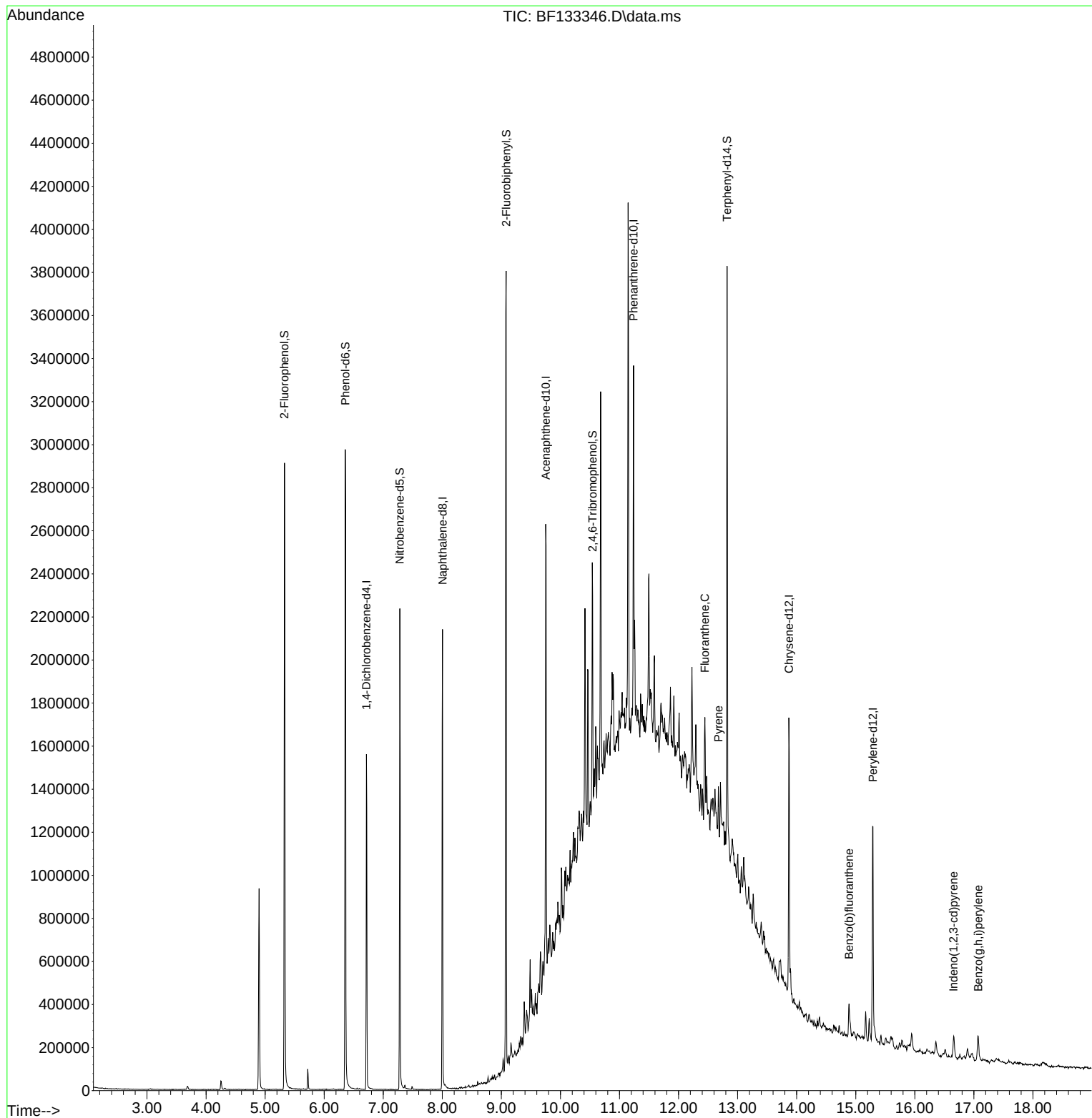
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133346.D
Acq On : 10 May 2023 23:15
Operator : CG\JU
Sample : 02721-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

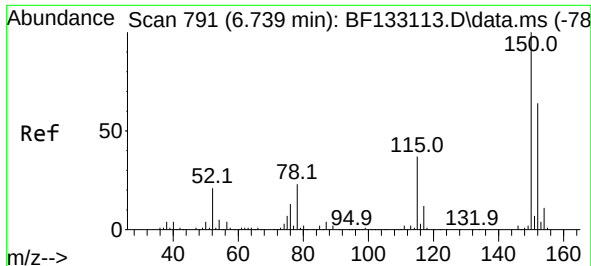
Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: May 11 03:44:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

Manual Integrations
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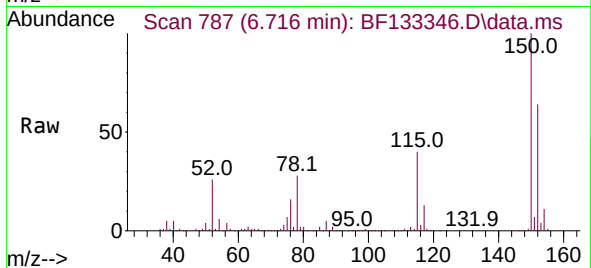
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

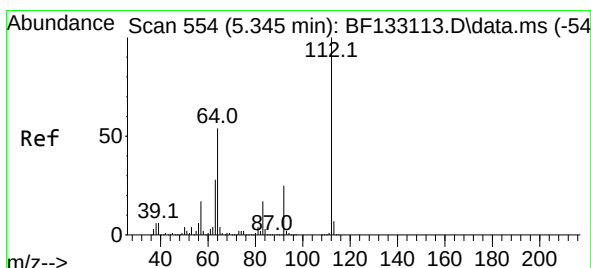
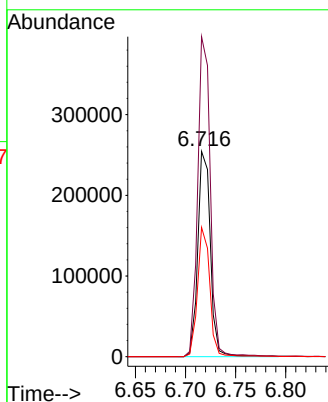
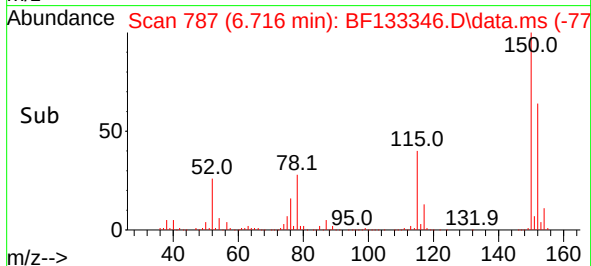
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 222708
Ion Ratio Lower Upper
152 100
150 155.8 124.8 187.2
115 63.0 49.9 74.9

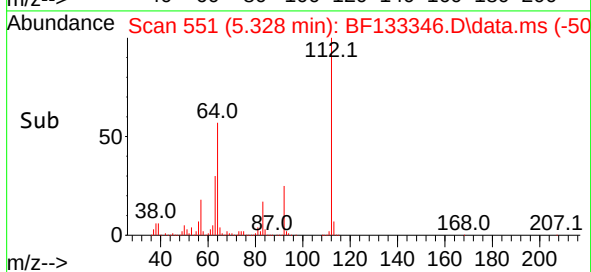
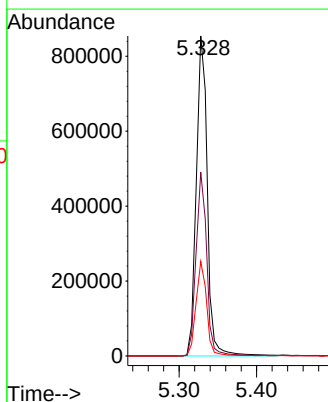
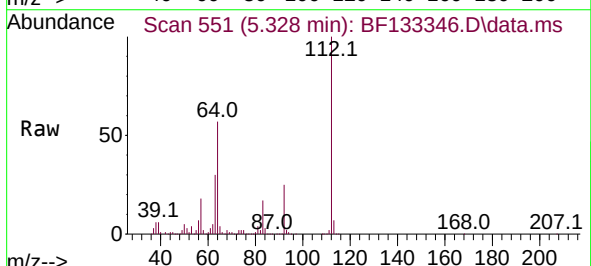
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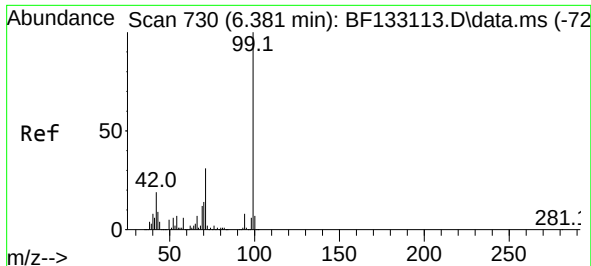
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#5
2-Fluorophenol
Concen: 57.215 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

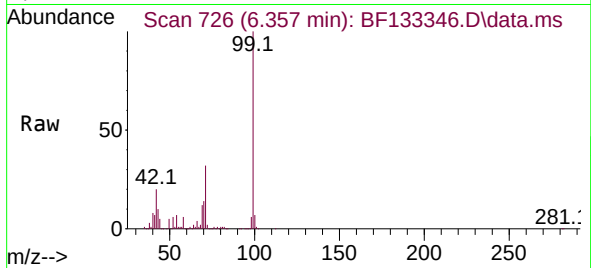
Tgt Ion:112 Resp: 843501
Ion Ratio Lower Upper
112 100
64 57.4 46.8 70.2
63 29.6 23.8 35.8





#7
Phenol-d6
Concen: 58.199 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

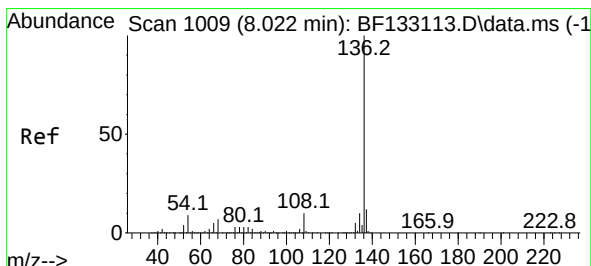
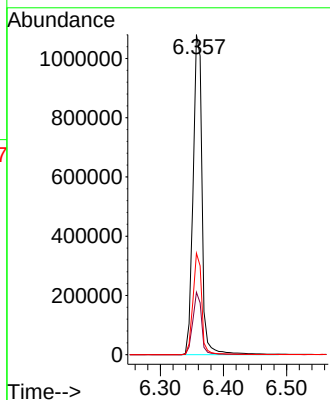
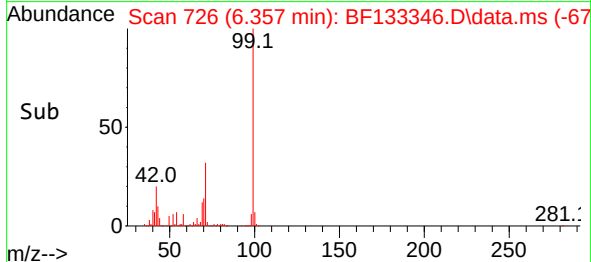
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion: 99 Resp: 1064979
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 31.7 25.6 38.4

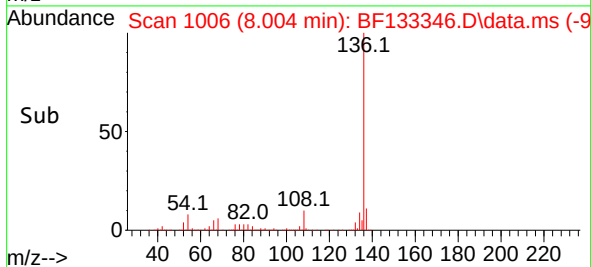
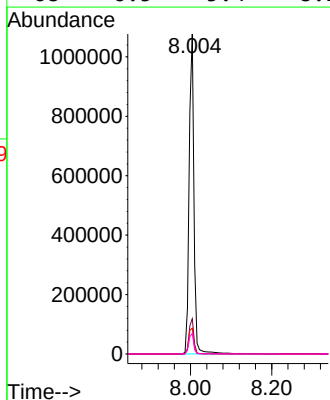
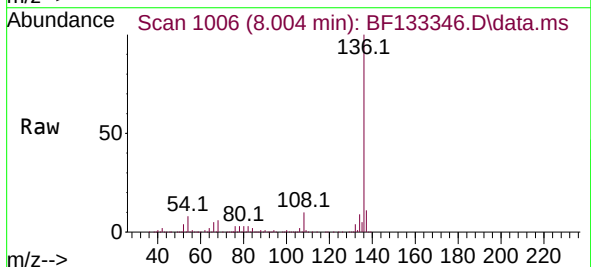
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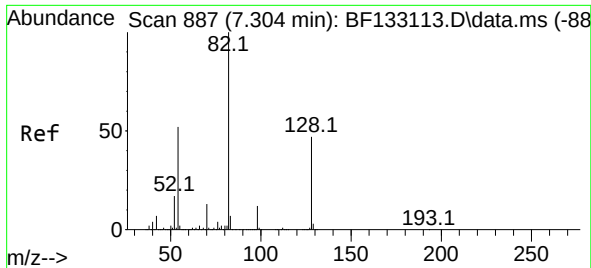
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

Tgt Ion:136 Resp: 881212
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.0 10.4
68 6.5 5.4 8.2





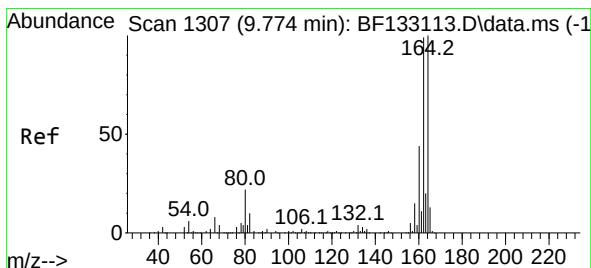
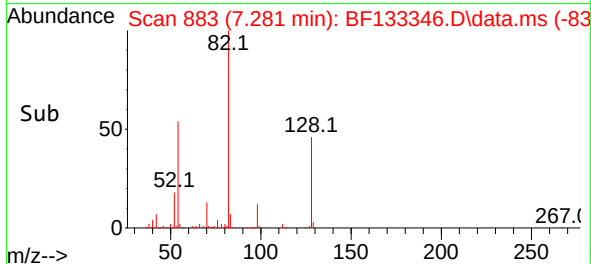
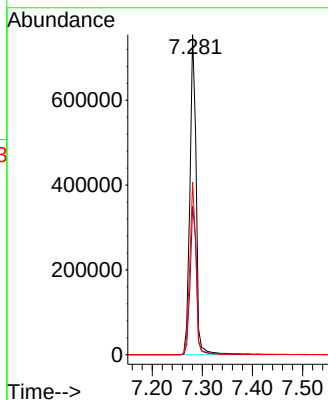
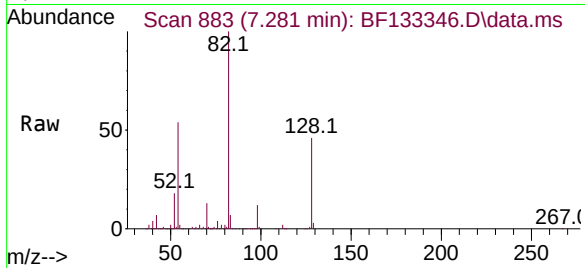
#23
Nitrobenzene-d5
Concen: 40.013 ng
RT: 7.281 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 65324
Ion Ratio Lower Upper
82 100
128 46.4 37.7 56.5
54 54.0 43.0 64.4

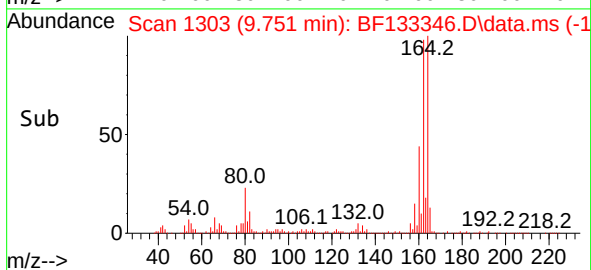
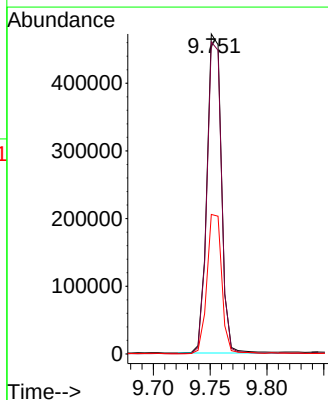
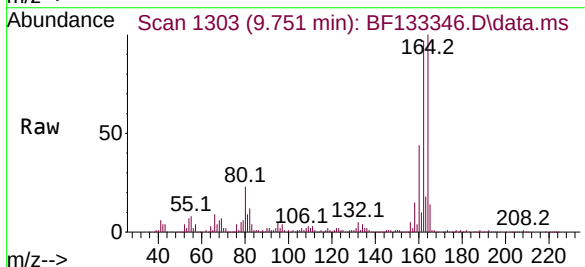
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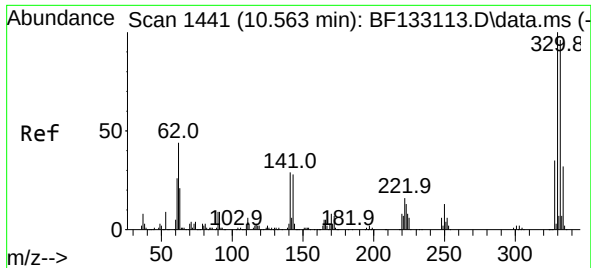
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

Tgt Ion:164 Resp: 418326
Ion Ratio Lower Upper
164 100
162 97.5 78.7 118.1
160 43.6 35.8 53.6





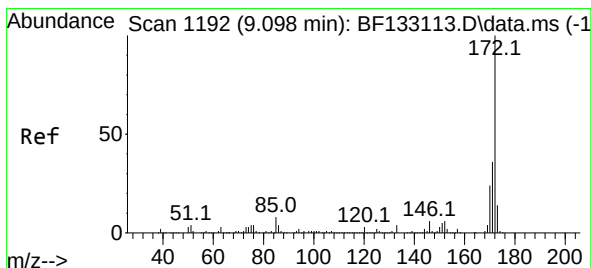
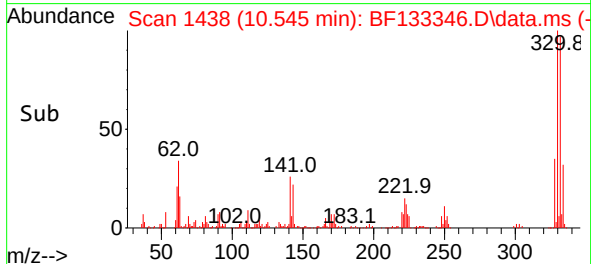
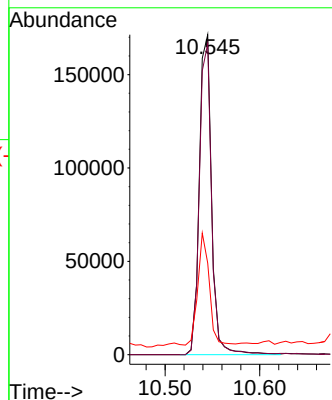
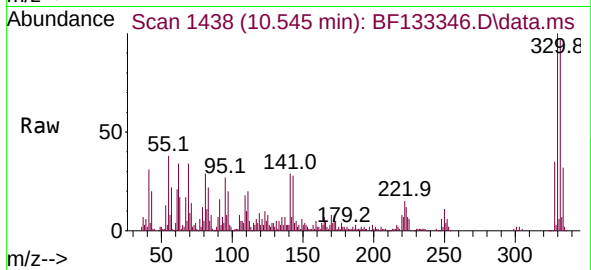
#42
2,4,6-Tribromophenol
Concen: 36.989 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 330 Resp: 15561
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 32.7 25.8 38.8

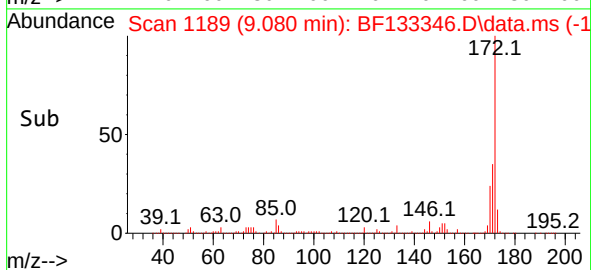
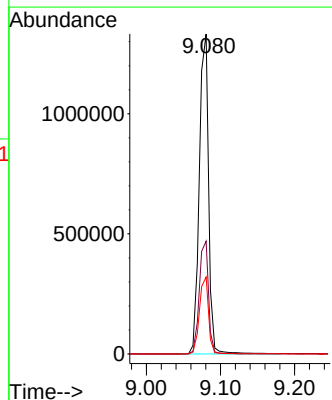
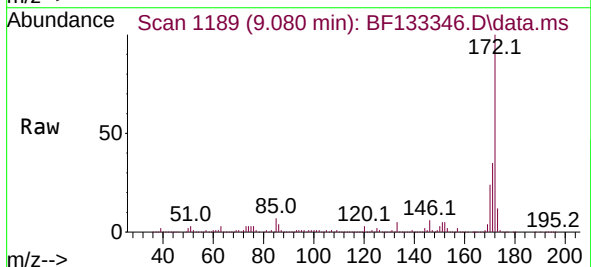
Manual Integrations
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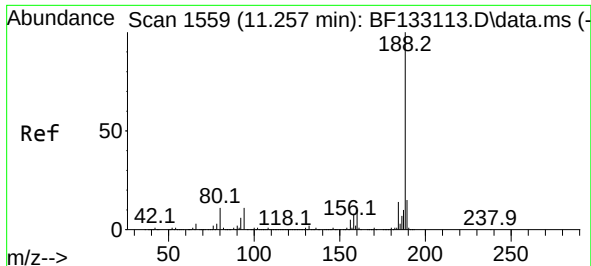
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023



#45
2-Fluorobiphenyl
Concen: 46.297 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

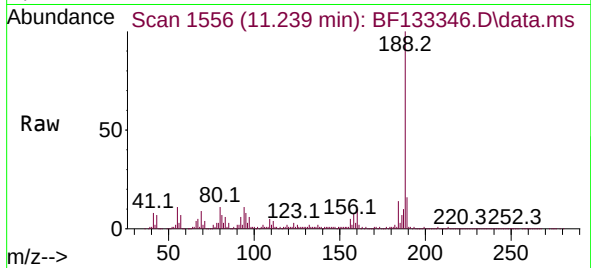
Tgt Ion: 172 Resp: 1157632
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.0 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

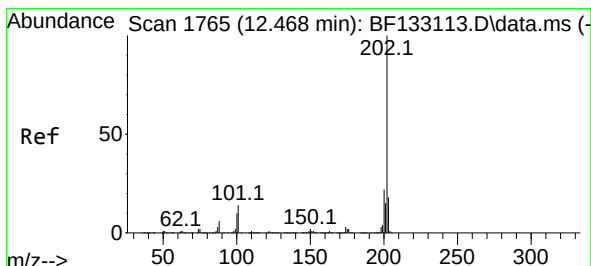
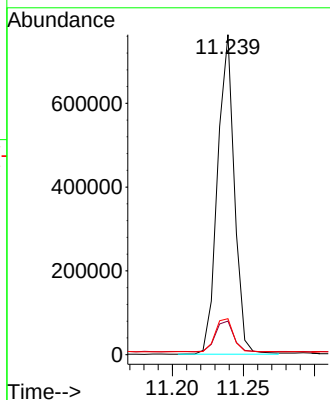
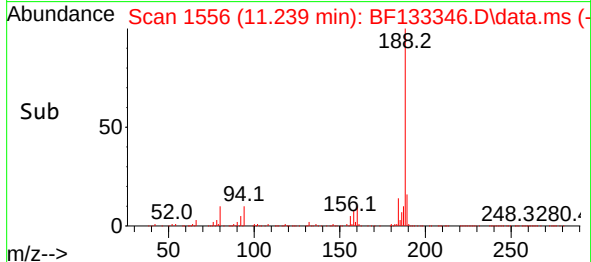
Instrument :
BNA_F
ClientSampleId :
WC-1



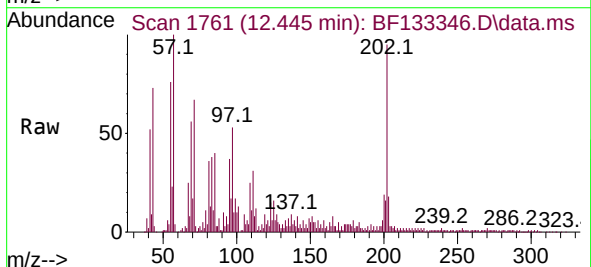
Tgt Ion:188 Resp: 628020
Ion Ratio Lower Upper
188 100
94 10.5 9.7 14.5
80 11.3 10.4 15.6

Manual Integrations
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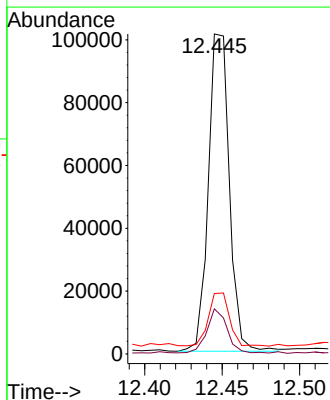
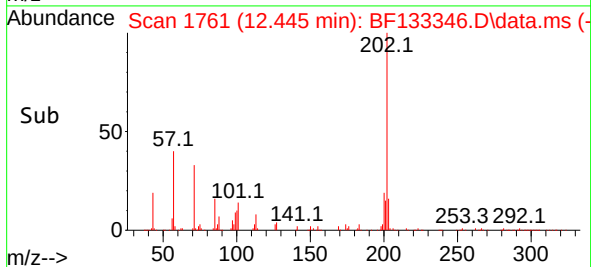
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

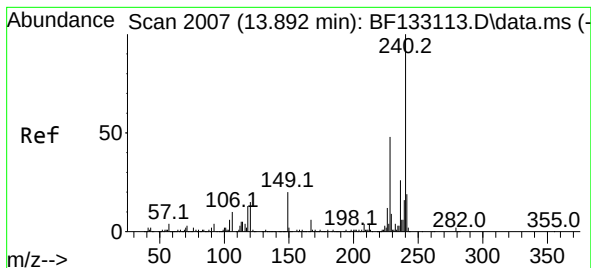


#75
Fluoranthene
Concen: 2.818 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15



Tgt Ion:202 Resp: 95453
Ion Ratio Lower Upper
202 100
101 14.1 0.0 35.3
203 18.9 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133346.D

Acq: 10 May 2023 23:15

Instrument :

BNA_F

ClientSampleId :

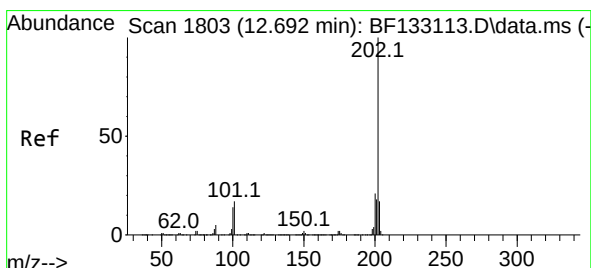
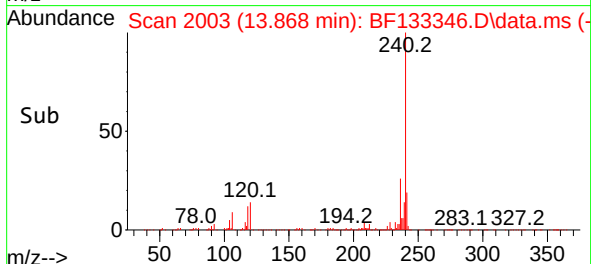
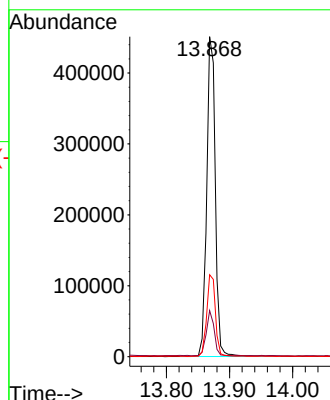
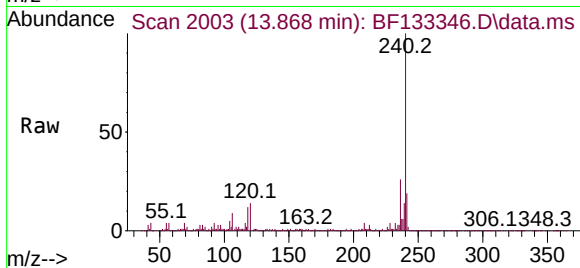
WC-1

Tgt Ion:240 Resp: 428718
 Ion Ratio Lower Upper
 240 100
 120 14.4 10.5 15.7
 236 25.6 21.5 32.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023



#78

Pyrene

Concen: 2.441 ng

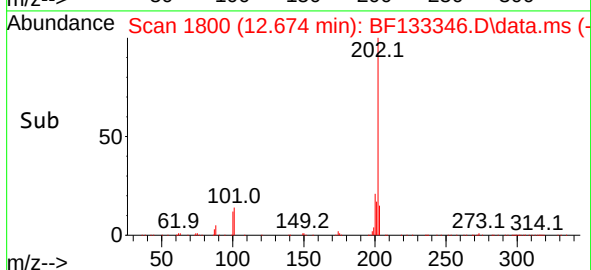
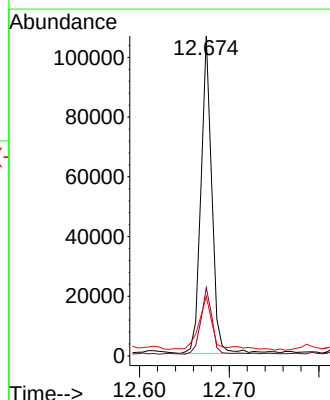
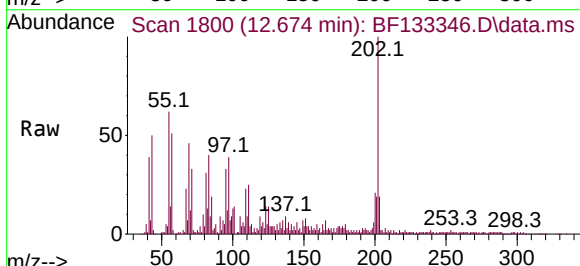
RT: 12.674 min Scan# 1800

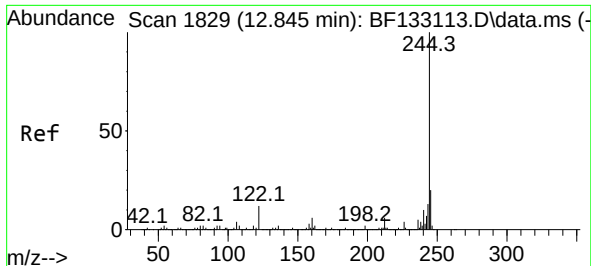
Delta R.T. -0.006 min

Lab File: BF133346.D

Acq: 10 May 2023 23:15

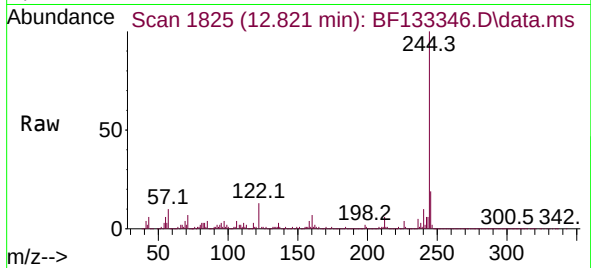
Tgt Ion:202 Resp: 89711
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.1 25.7
 203 18.6 14.1 21.1





#79
Terphenyl-d14
Concen: 35.666 ng
RT: 12.821 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

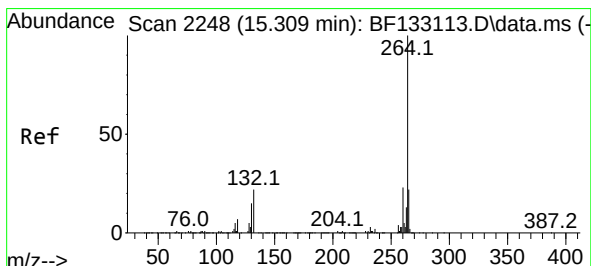
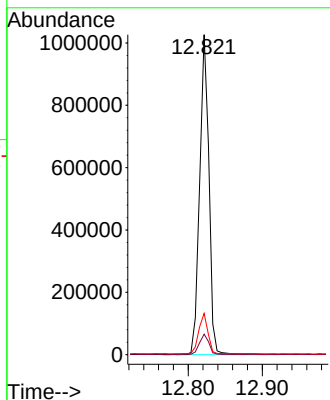
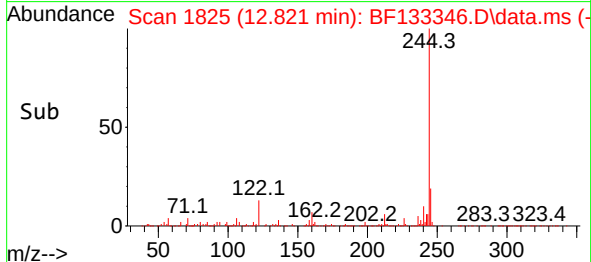
Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:244 Resp: 88657
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.9 8.6 13.0

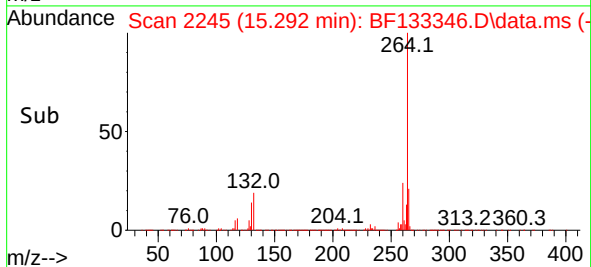
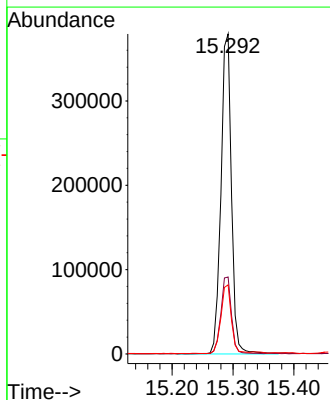
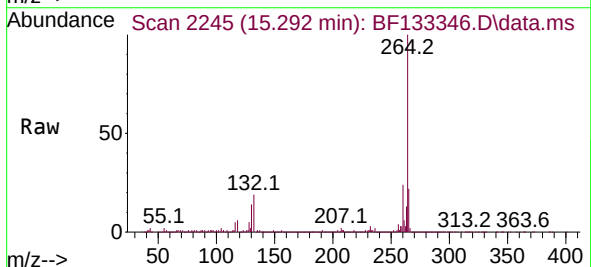
Manual Integrations
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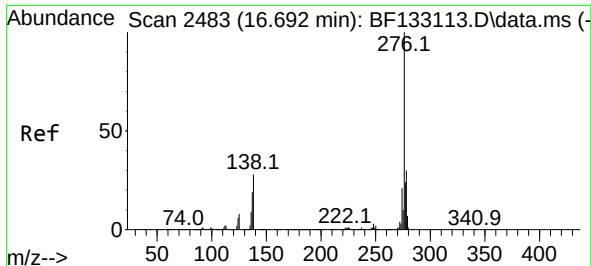
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

Tgt Ion:264 Resp: 453787
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.6 17.0 25.4





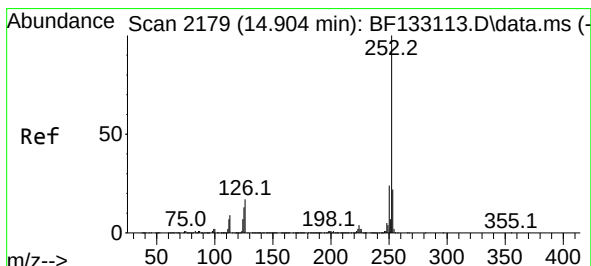
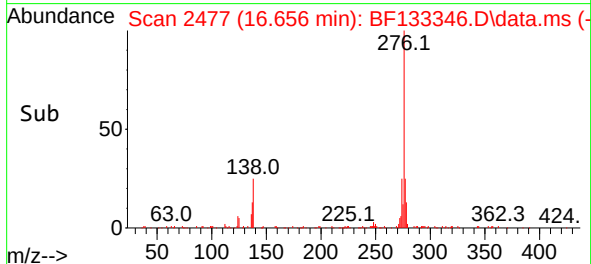
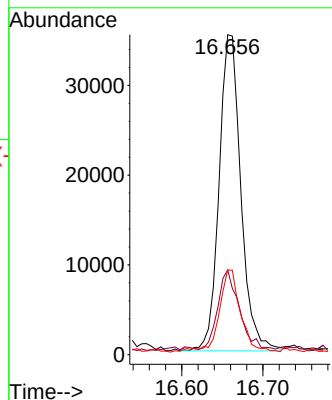
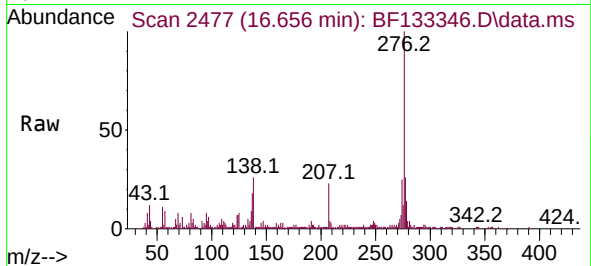
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.550 ng
RT: 16.656 min Scan# 2477
Delta R.T. -0.018 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 276 Resp: 65812
Ion Ratio Lower Upper
276 100
138 27.3 25.5 38.3
277 25.6 20.4 30.6

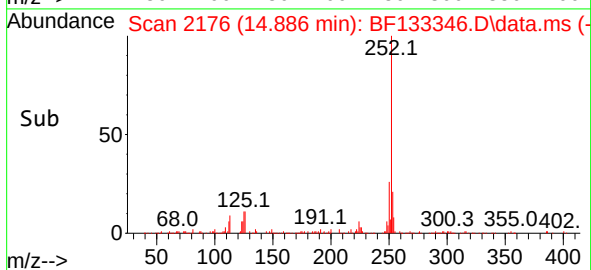
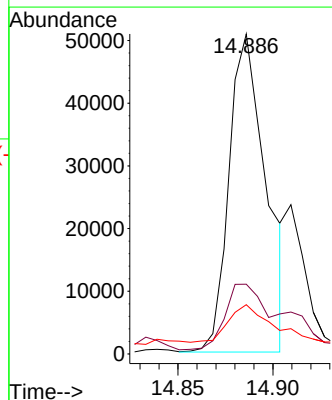
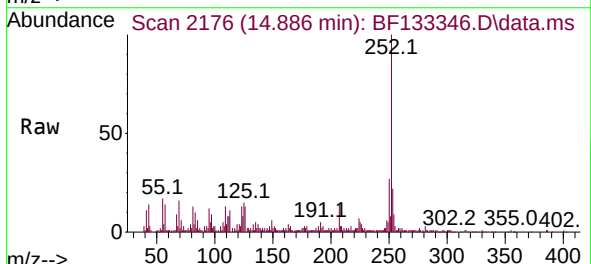
Manual Integrations
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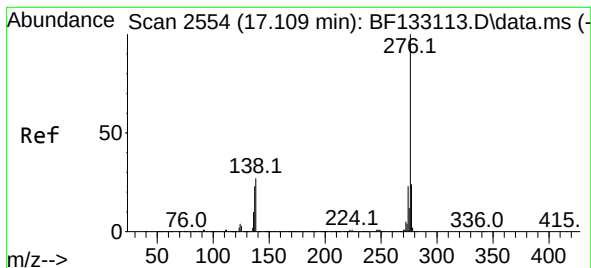
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023



#88
Benzo(b)fluoranthene
Concen: 2.384 ng m
RT: 14.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BF133346.D
Acq: 10 May 2023 23:15

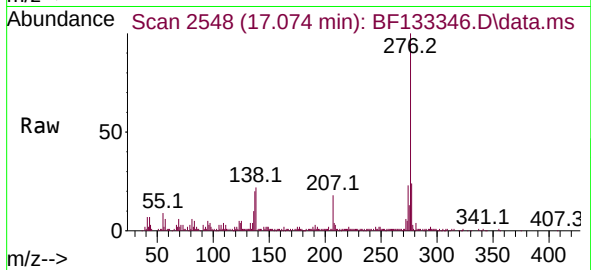
Tgt Ion: 252 Resp: 68813
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 15.4 8.9 13.3#





#92
 Benzo(g,h,i)perylene
 Concen: 4.118 ng m
 RT: 17.074 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF133346.D
 Acq: 10 May 2023 23:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion: 276 Resp: 87523
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.4 29.0
 138 22.5 22.7 34.1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

